

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 36-8723

Exam Date: February 16, 2011

1. Current Owner: HOWARD L MORRIS
1010 E 2900 S
HAGERMAN ID 83332
(208) 837-6213

2. Accompanied by: none

Phone No:

Address:

Relationship to Permit Holder:

3. SOURCE

WASTE WATER

TRIBUTARY

SNAKE RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 36-134D, 36-135D & 36-10141D
2. Other water rights with the same point of diversion:

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

WASTE WATER

NE1/4SE1/4SE1/4

Sec. 6, Twp 08S, Rge 14E, B.M.

GOODING County

Method of Determination:

Updated to a GPS point from the spatial database that was collected by Cindy Yenter on 8/6/2004.

2.

PLACE OF USE: IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
08S	14E	6	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	125.0
			38.0	36.0	4.0	37.0	10.0												
			L 1	L 2			L 3												

Total Acres: 125

Method of Determination:

1996 Aerial imagery verify acres being irrigated at that time. (see attached map)

3. _____ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- X Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- X Aerial Photo Attached (required for irrigation of 10+ acres).
- _____ Photo of Diversion and System Attached

4.

<u>Well or Diversion ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
A0011888	GE	75	92588218		10" hand line

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Calib. Date</u>
Panametrics	polysonic	Transport	PT878	277960	7/9/2008

2. Measurements:

A ten minute average flow measurement was performed with the FUJI on 8/3/2004 and recorded a fairly constant flow of 1185 gpm or 2.6 cfs. (see Attached)

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

Polysonic flow meter: Ten minute average flow = 1185 GPM

The measured ten minute average flow of 1185 GPM or 2.6 cfs was recorded on 8/3//2004 but would exceed the limits of the permit. Recommend the requested rate of 2.4 cfs for the license.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = 125 \text{ acres} \times 4 \text{ AF} = 500 \text{ AF}$$

$$V_{D.R.} = 2.4 \text{ cfs} \times 214 \text{ days} \times 1.9835 = 1018.7 \text{ AFA}$$

$$V = \text{Smaller of } 500 \text{ AF and } 1018.7 \text{ AF} = 500 \text{ AFA}$$

2. Volume Calculations for Other Uses:

N/A

G. NARRATIVE/REMARKS/COMMENTS

Permit 36-8723 in the name of Howard L. Morris is for the irrigation of 125 acres from supplemental wastewater diverted from the North Side Canal system in the Hagerman area (the Sandy Pond's were developed after the permit). License will supplement overlapping water rights 36-134D, 36-135D & 36-10141D that are no longer available from the Martin-Curren Tunnel in their decreed amounts.

During preliminary examination of the permit, it was discovered that the point of diversion and the place of use were developed differently than described on the permit. An application for amendment was filed to correct the point of diversion that was originally described in the SWNWSW of SEC 5 TWP 08S RGE 14E. A WMIS point that was collected by Cindy Yenter on 8/6/2004 shows the point of diversion to be located in the NESESE of SEC 6 TWP 08S RGE 14E. In addition the 125 acres for the permitted place of use do not match the irrigated area according to the Department's aerial photography at the time proof was filed and have been shifted to reflect what was actually irrigated in 1996.

The earliest WMIS record (8/3/2004) shows a ten minute average measurement of 1185 GPM or 2.6 cfs but would exceed the limits of the permit. Recommended rate of **2.4 cfs** for the license.

WMIS PCC records show the applicant has diverted anywhere from 280.71 to 640.01 AFA depending on the wastewaters availability. Recommended the standard volume for the Hagerman area of 4 AF per acre or 500 AFA. **125 acres x 4 AF = 500 AF**

Have conditions of permit approval been met? X Yes ____ No

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	4/01 to 10/31	2.400 CFS	500.0 AFA
	<u>Totals:</u>	2.400 CFS	500.0 AFA

2. Recommended Amendments

x Change P.D. as reflected above ____ Add P.D. as reflected above ____ None

x Change P.U. as reflected above ____ Add P.U. as reflected above ____ Other

I. AUTHENTICATION

Field Examiner's Name

Sara Reeder

Date

5/10/11

Reviewer

[Signature]

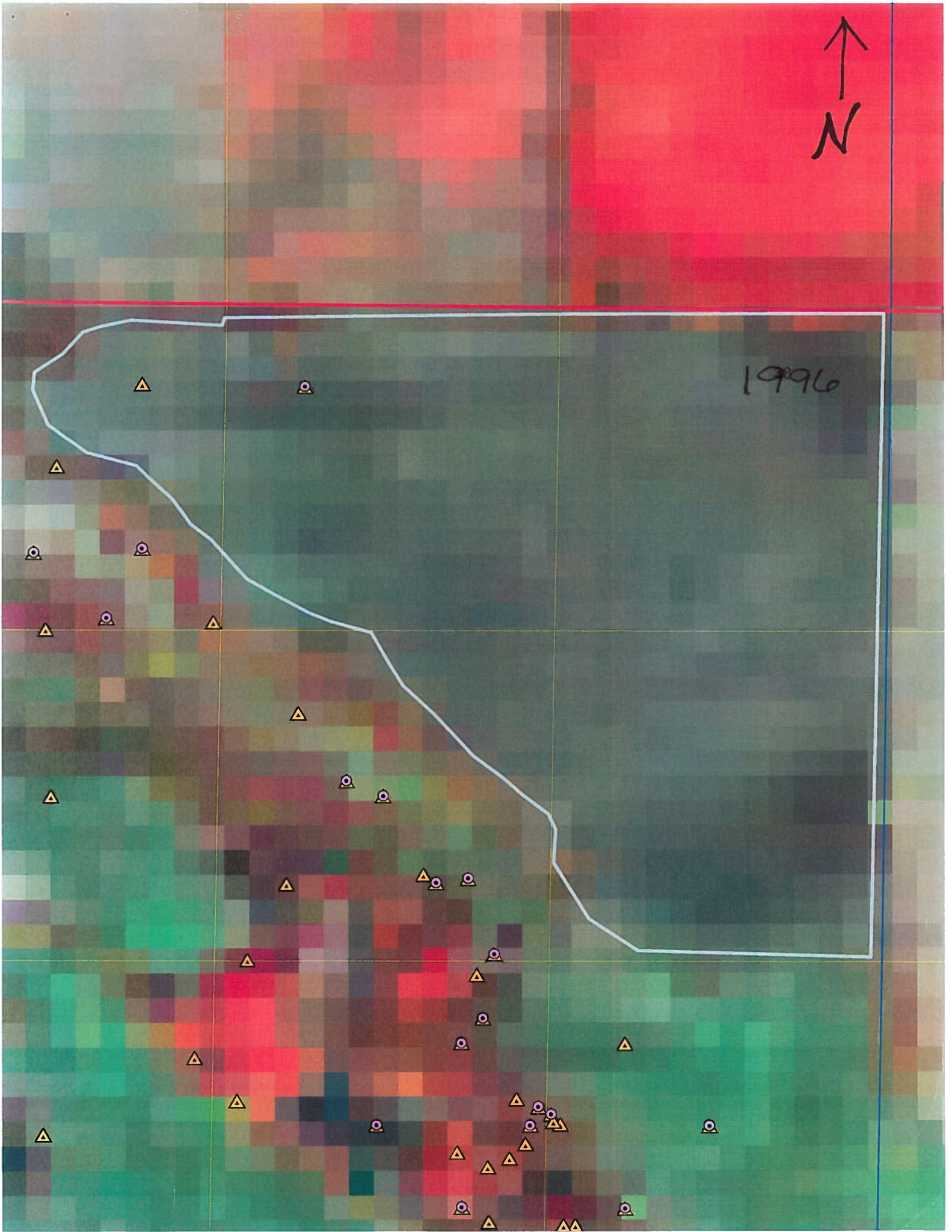
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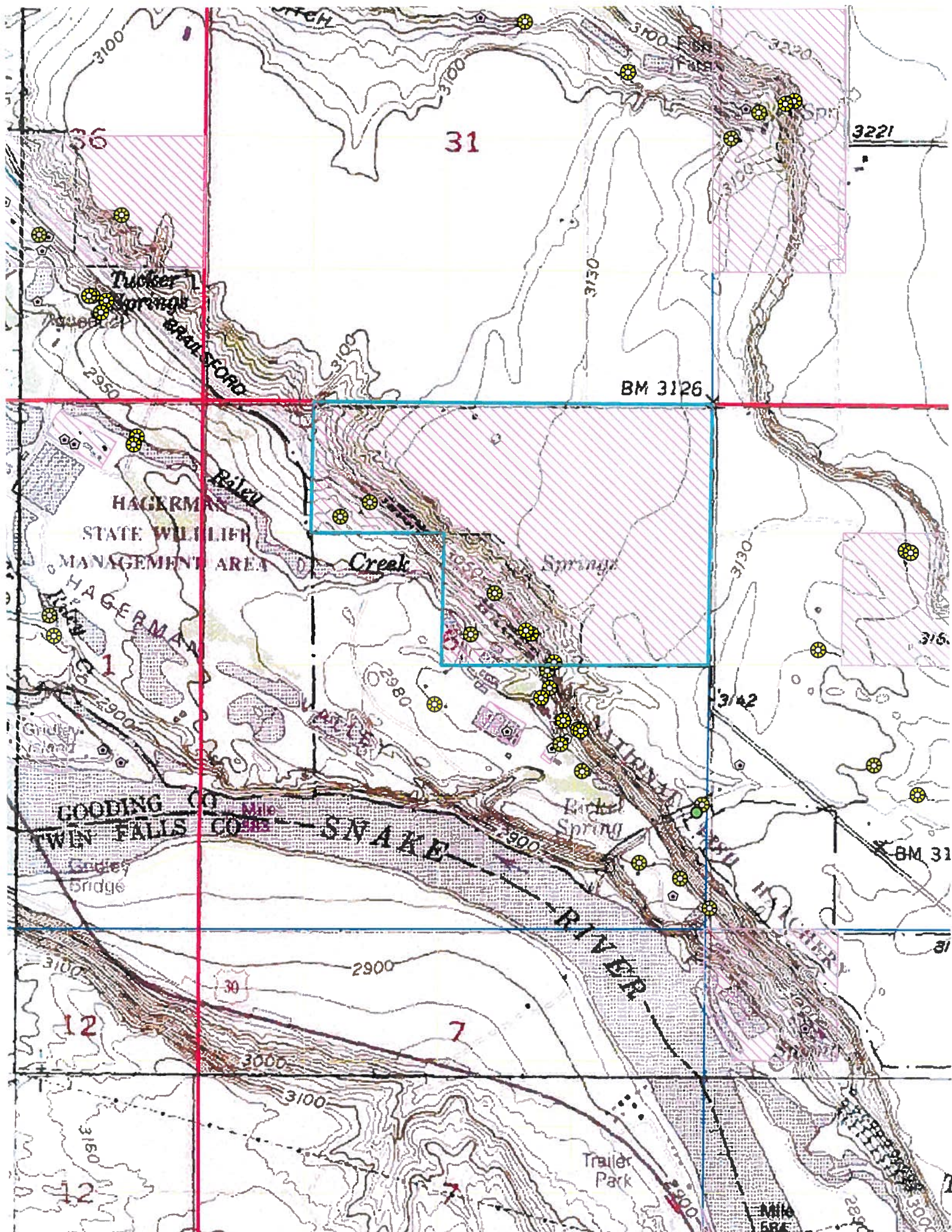
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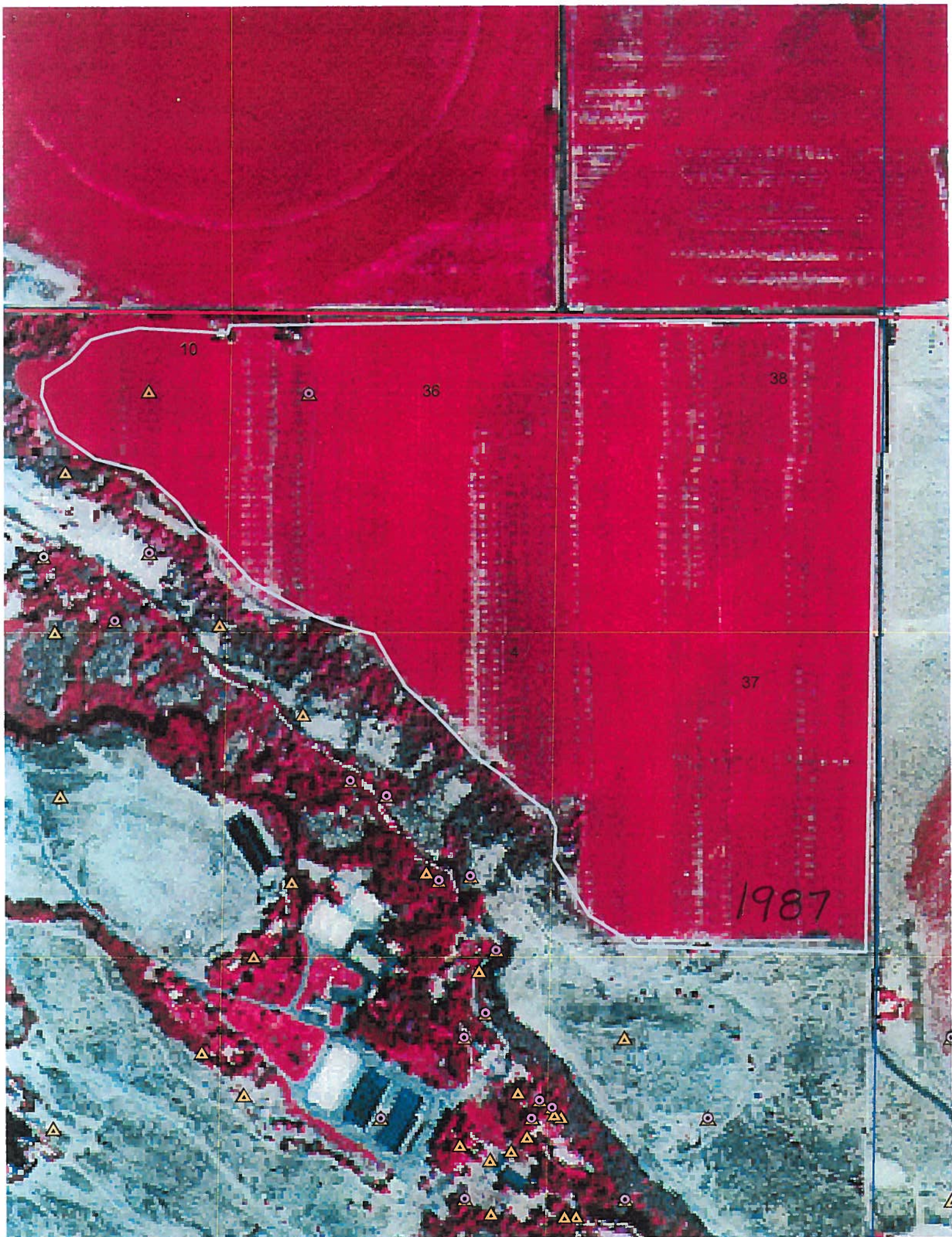




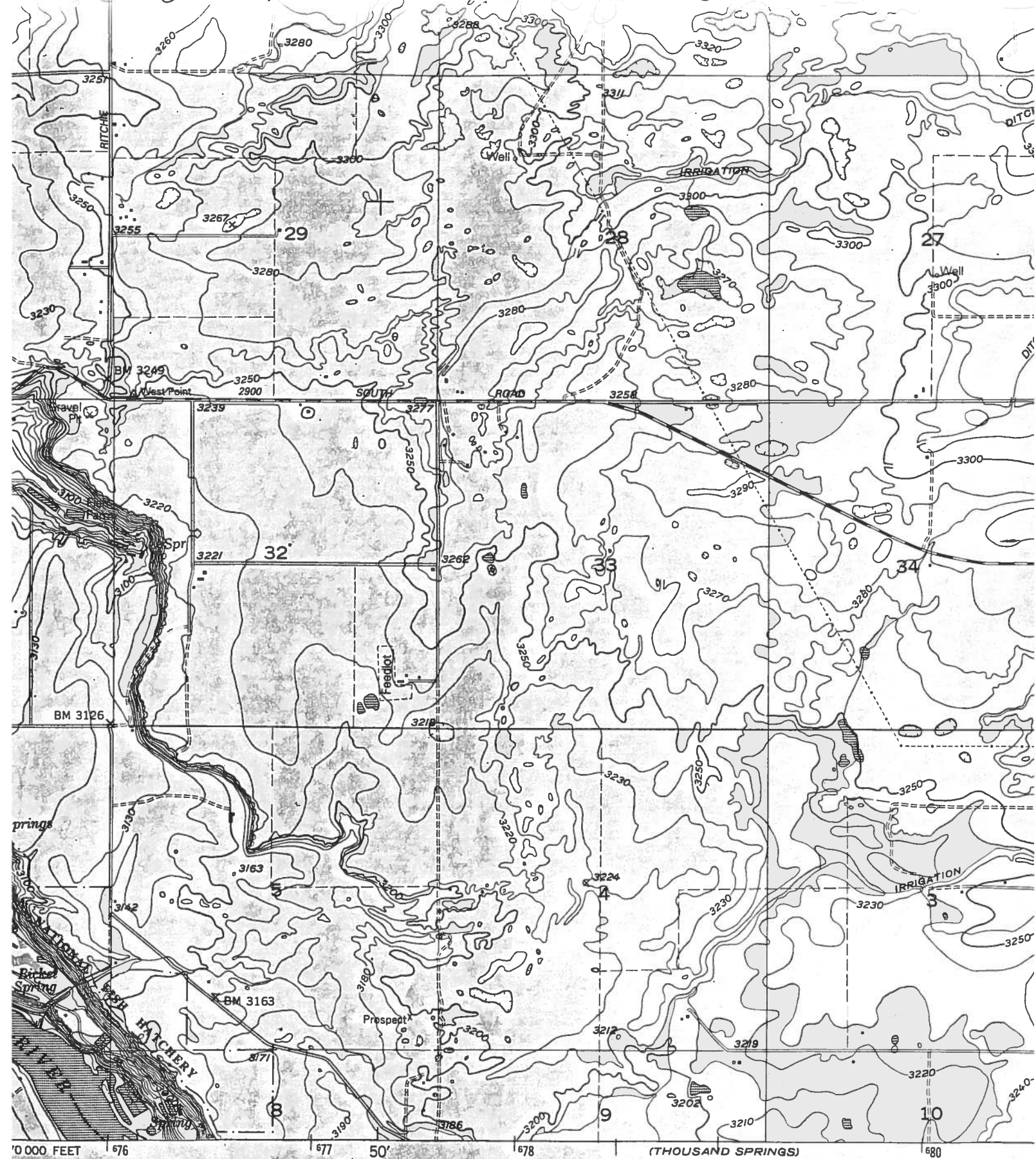
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